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by S. P. Zavgorodny, 4 pp., UNCLASSIFIED.

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Use of the Compound $AlCl_2 \cdot H_2PO_4$ as Catalyst in the Alkylation of Aromatic Hydrocarbons with Olefins, by S. V. Zavgorodniy, T. B. Gonsovskaya, 5 pp.

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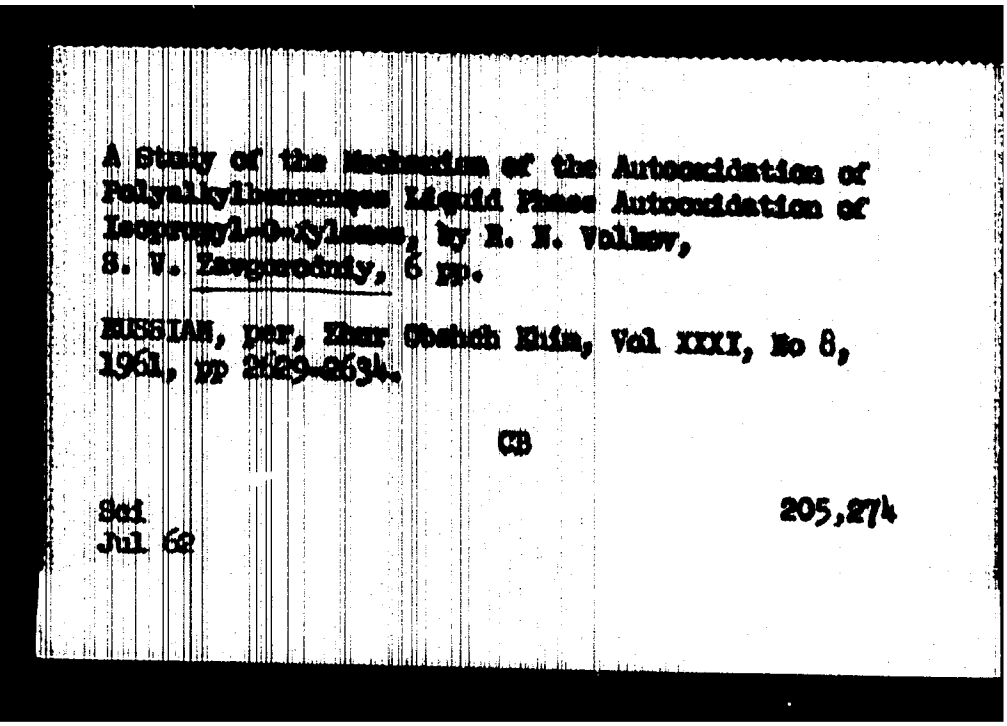

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Alkylation of 4-Bromophenol with Propylene and β - Amylene in the Pre ence of $BF_3 \cdot H_3PO_4$ and $BF_3 \cdot O(C_2H_5)_2$ Catalysts, by S. V. Zavgorodniy, V. G. Kuyuchkova, 5 pp.

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By V. G. Zaymorodniy and A. A. Petrov pp. 5

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BORON FLUORIDE AS A CATALYST IN ORGANIC CHEMISTRY. IV. CONDENSATION OF PHENOL WITH BUTENE-2. [1960] 14p. 2 refs. T/L 731; M2072.
Order from: LC or SLA mi$2.40, ph$3.30 61-13429

Trans. of Zhurnal Obshchey Khimii (USSR) 1946, v. 16, p. 1495-1504.

The condensation of phenol with pseudo-butylene in the presence of a boron fluoride catalyst was studied at various temperatures and with various proportions of reagents, quantities of catalyst, and reaction times. The phenolic and ethereal condensation products and their bromoderivatives were identified and it was established that the reaction will take place under mild conditions in a simple apparatus, utilizing almost all the pseudo-butylene. (Author)

(Chemistry--Organic, TT, v. 5, no. 3)

61-13429

1. Boron fluorides--Catalytic properties
2. Phenols--Synthesis
3. Butenes--Synthesis
I. Zavgorodniy, S. V.
II. Title: Condensation...
III. Trans-TL-731
IV. DSIR LLU M. 2072

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Cathodic Reduction of Magnetite, by V. P. Galushko, E. F. Zavgorodnyaya, L. K. Gayvoronskaya, 5 pp.

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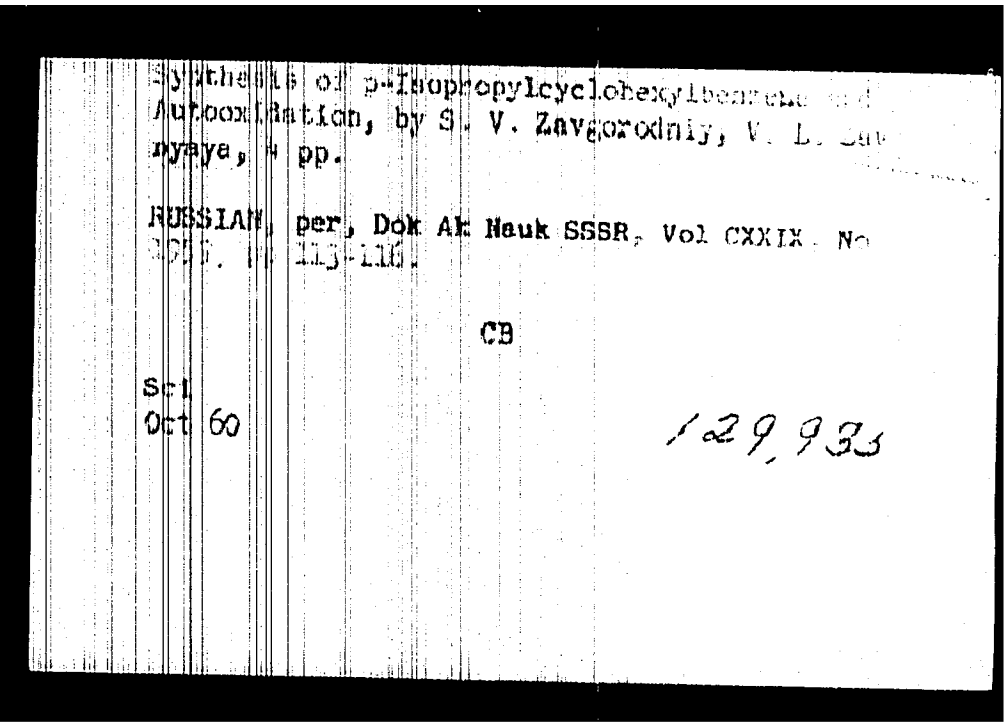

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The Question of Radioactive Potassium Content in Urban Sewage, by L. B. Doliva-Dobrovol'skaya, F. S. Zaval'skiy, 5 pp.

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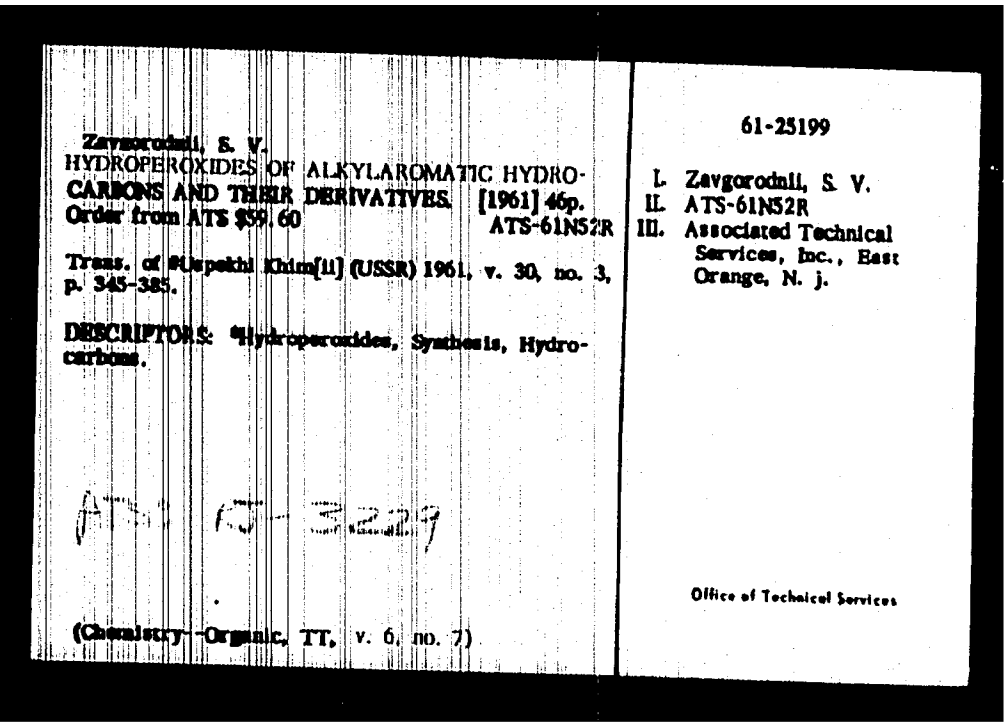

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DESCRIPTORS: *Hydroperoxides, Synthesis, Hydrocarbons.

ATS 61-25199

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II. ATS-61N52R
III. Associated Technical Services, Inc., East Orange, N. j.

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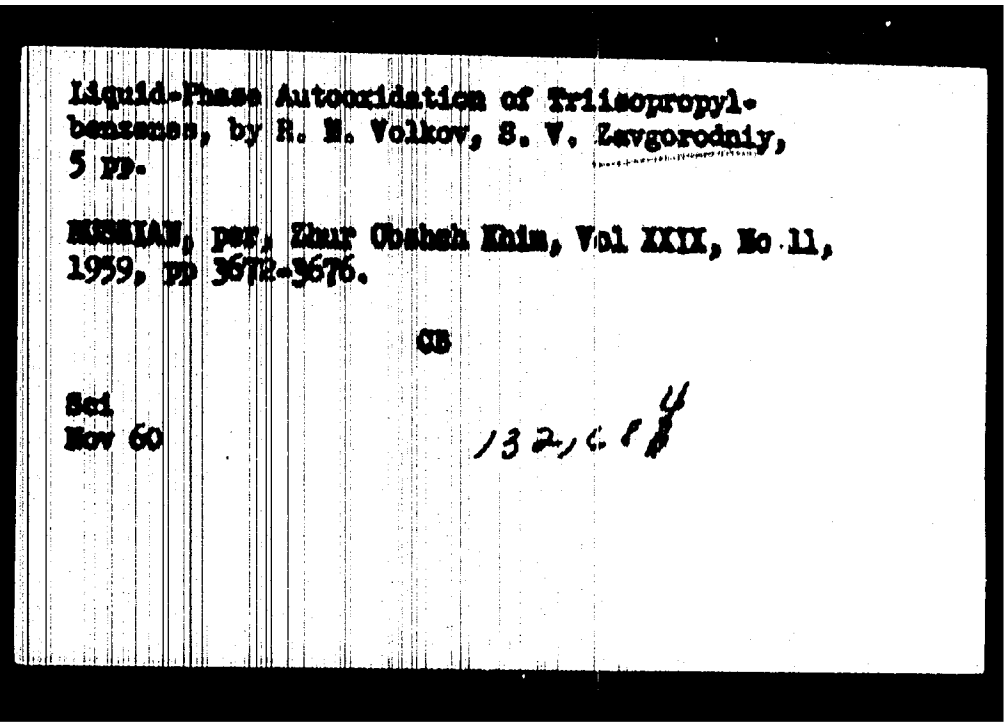

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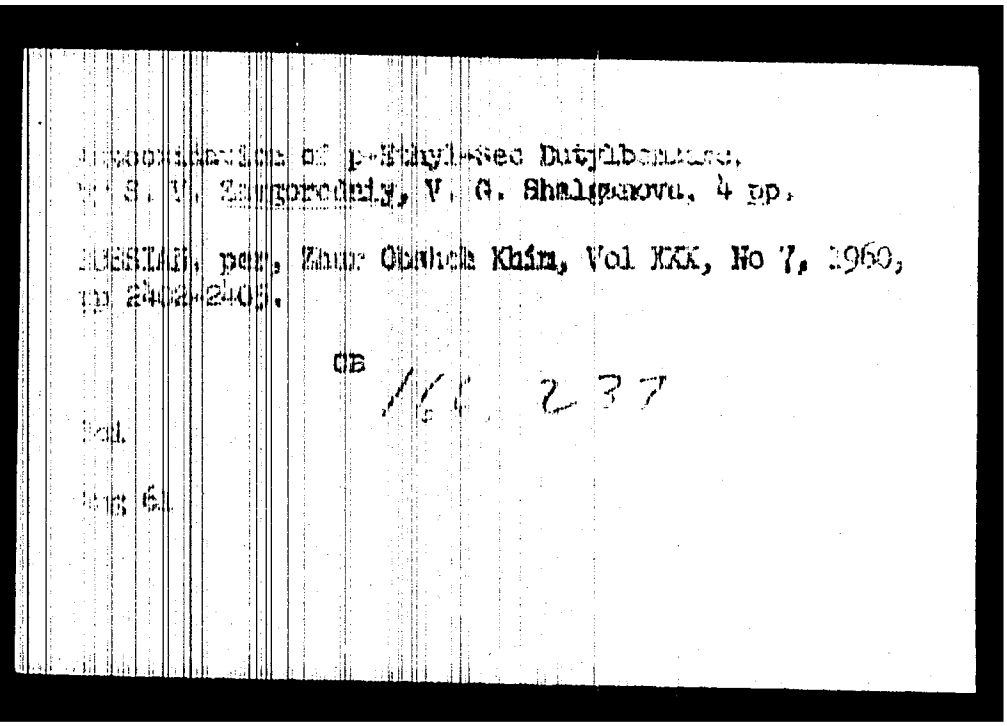

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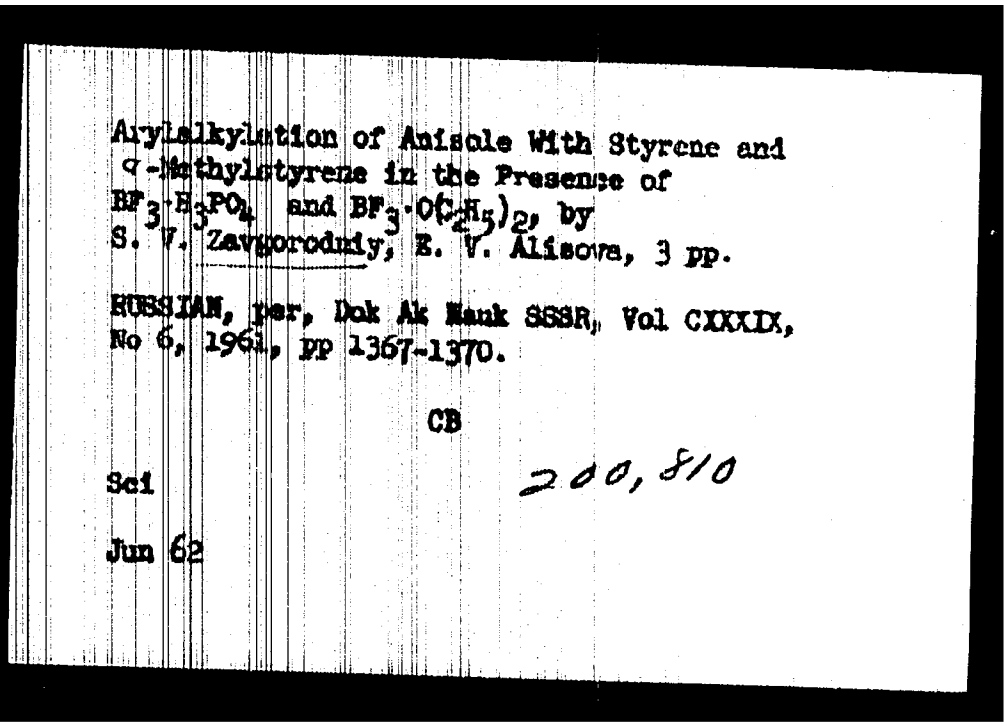

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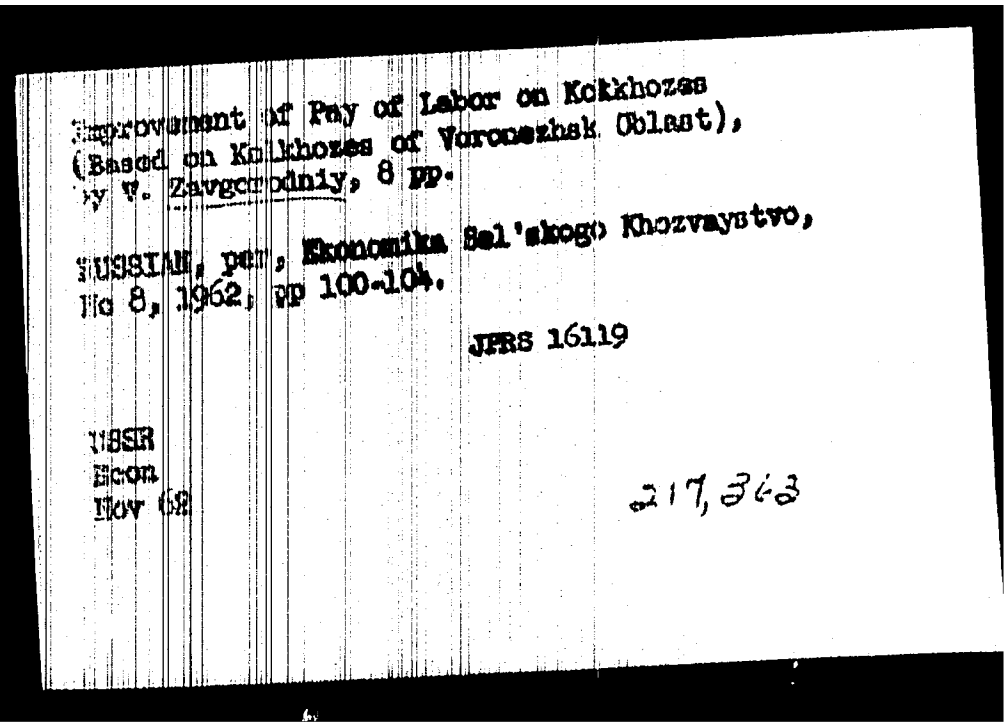

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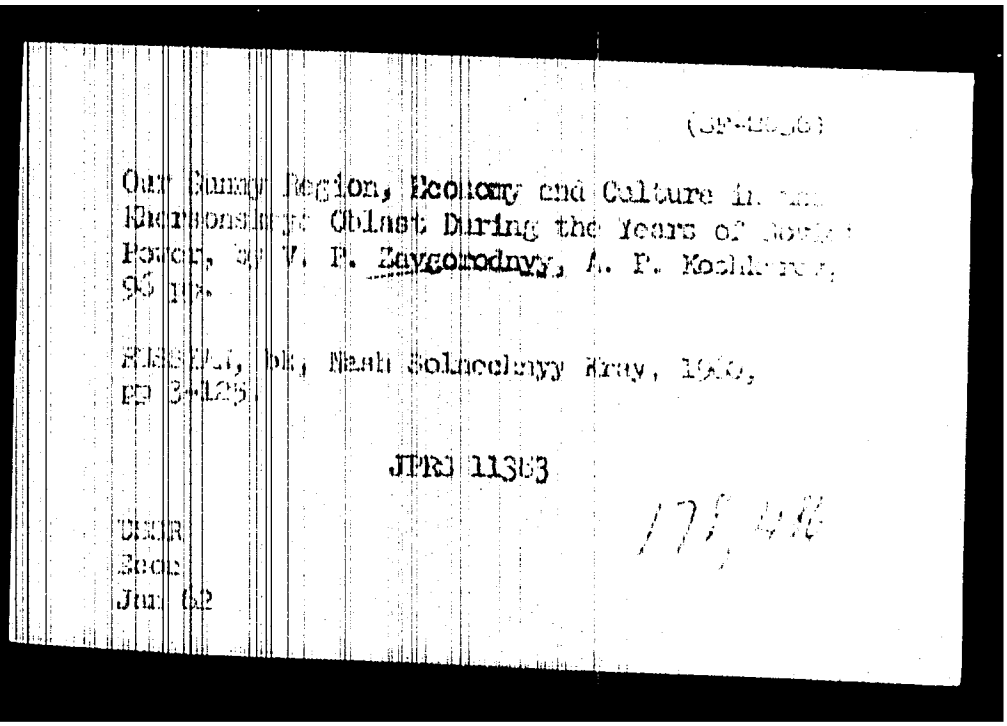

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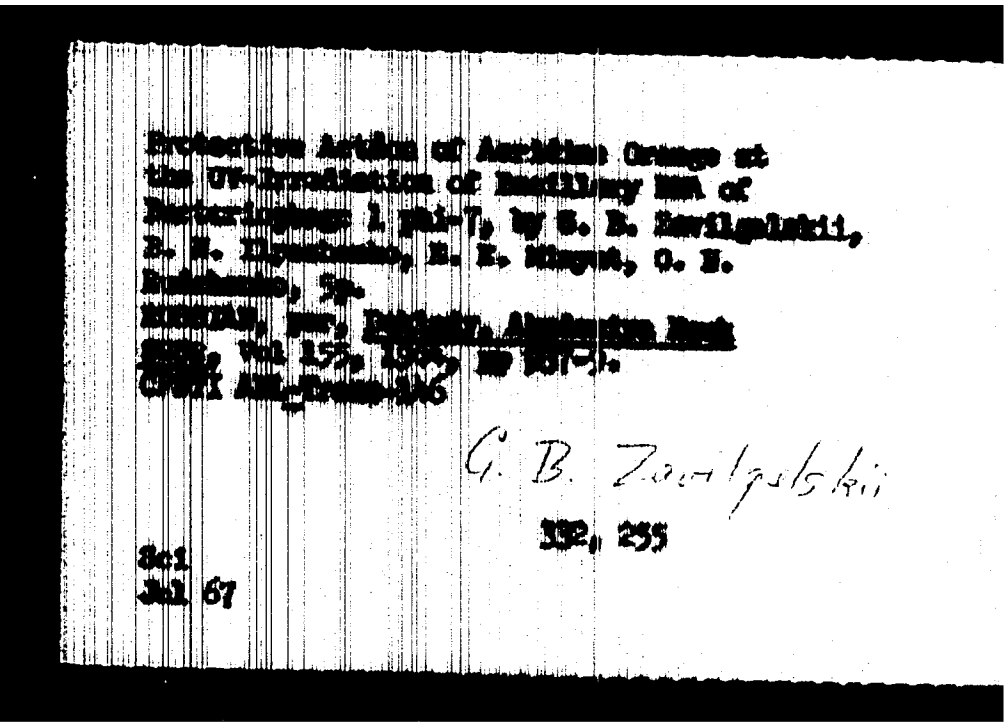

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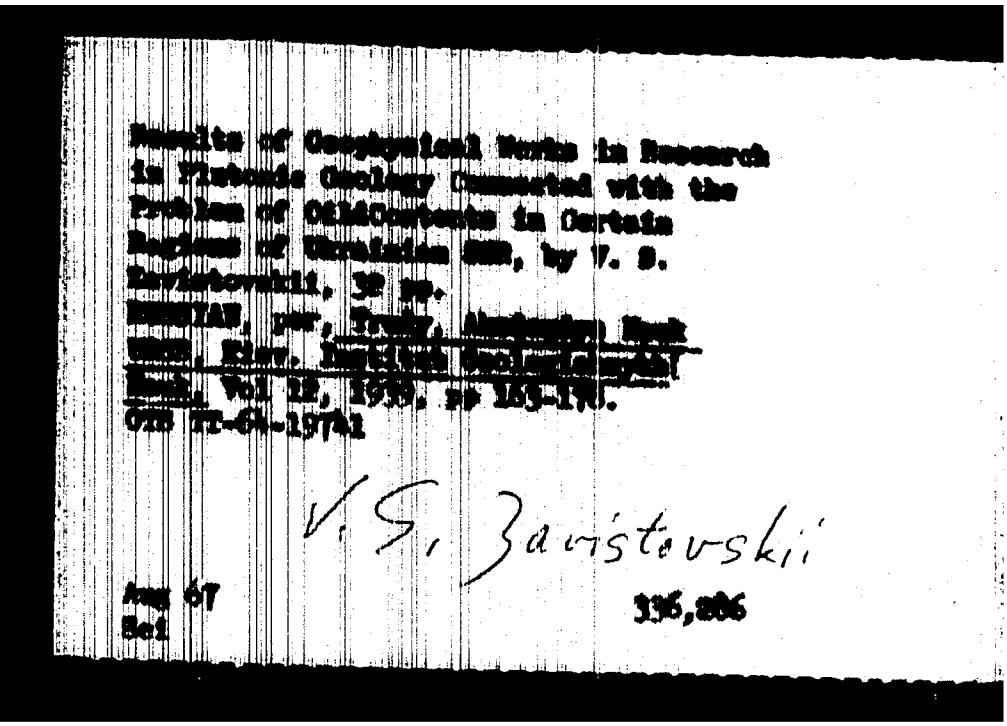

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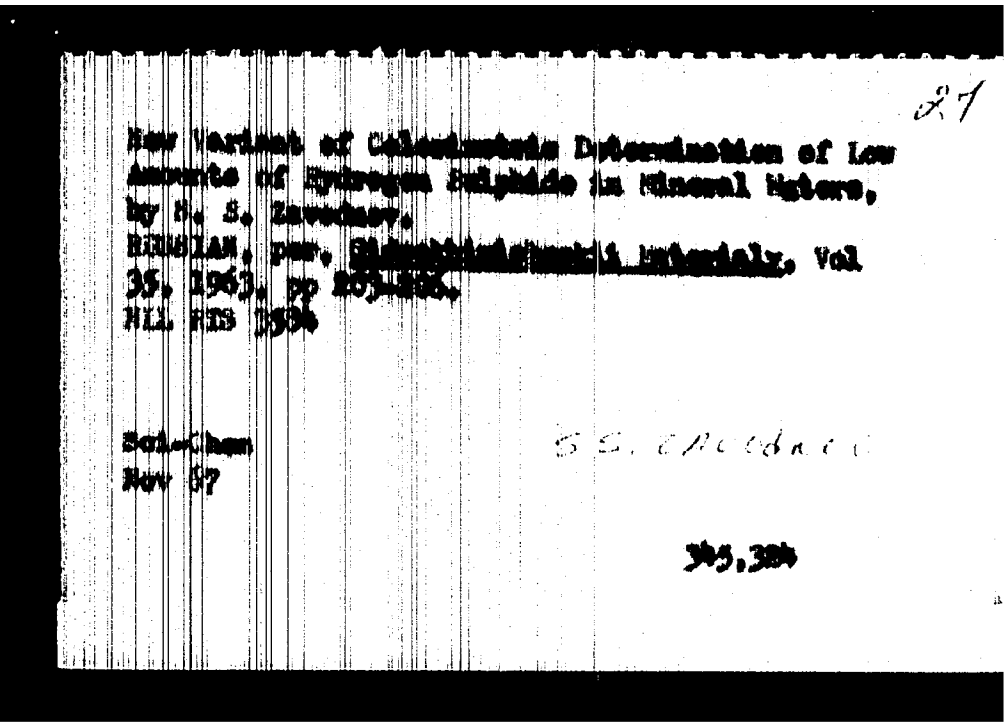

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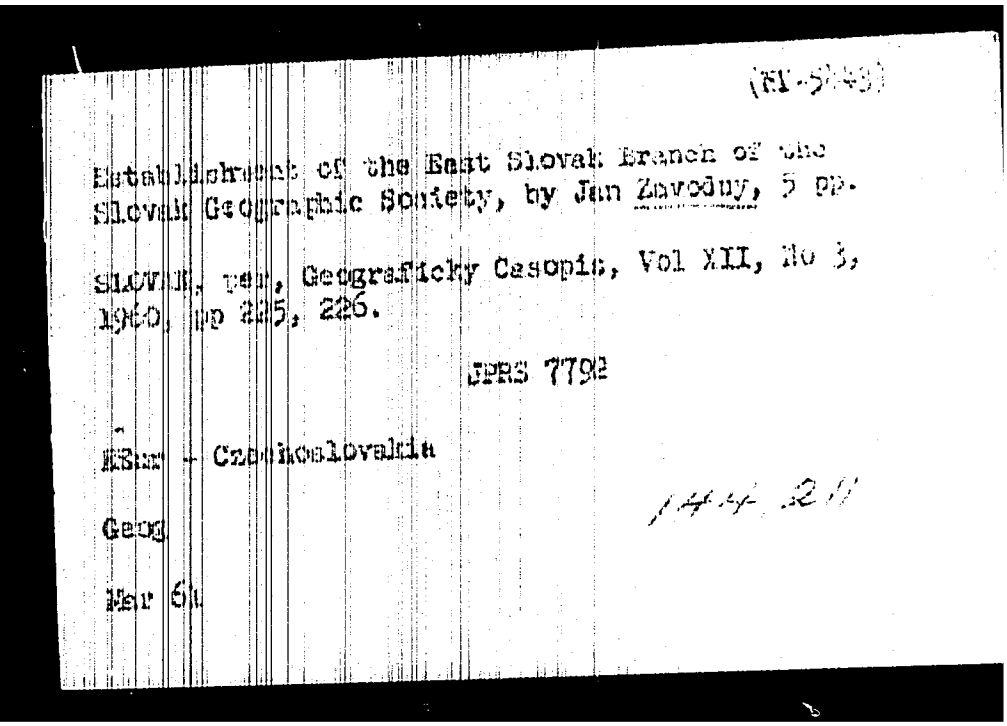

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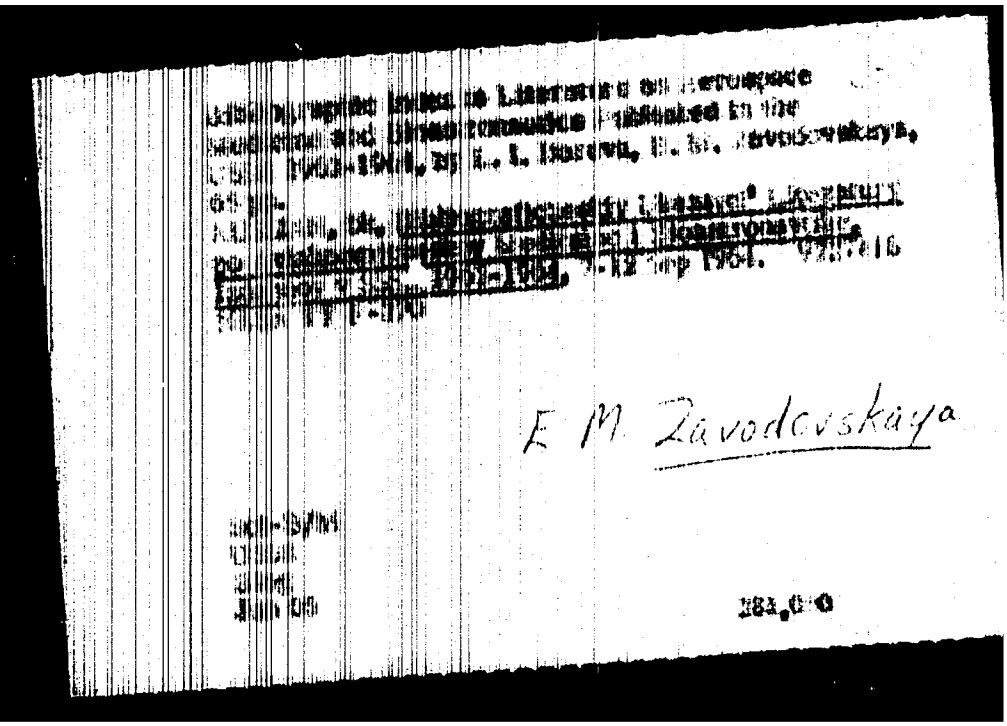

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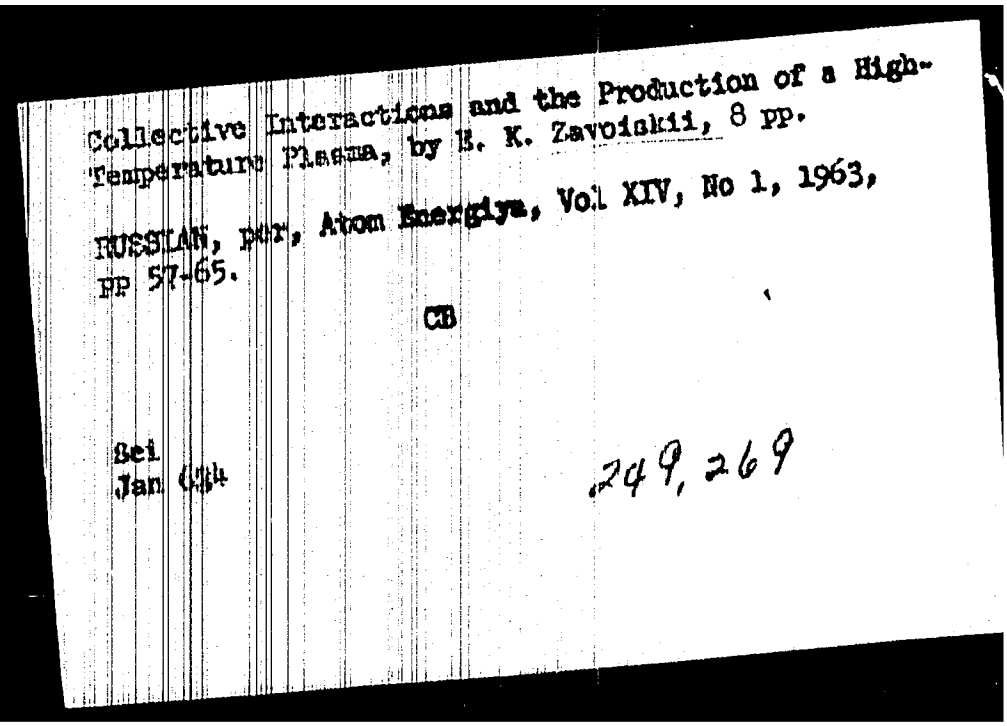

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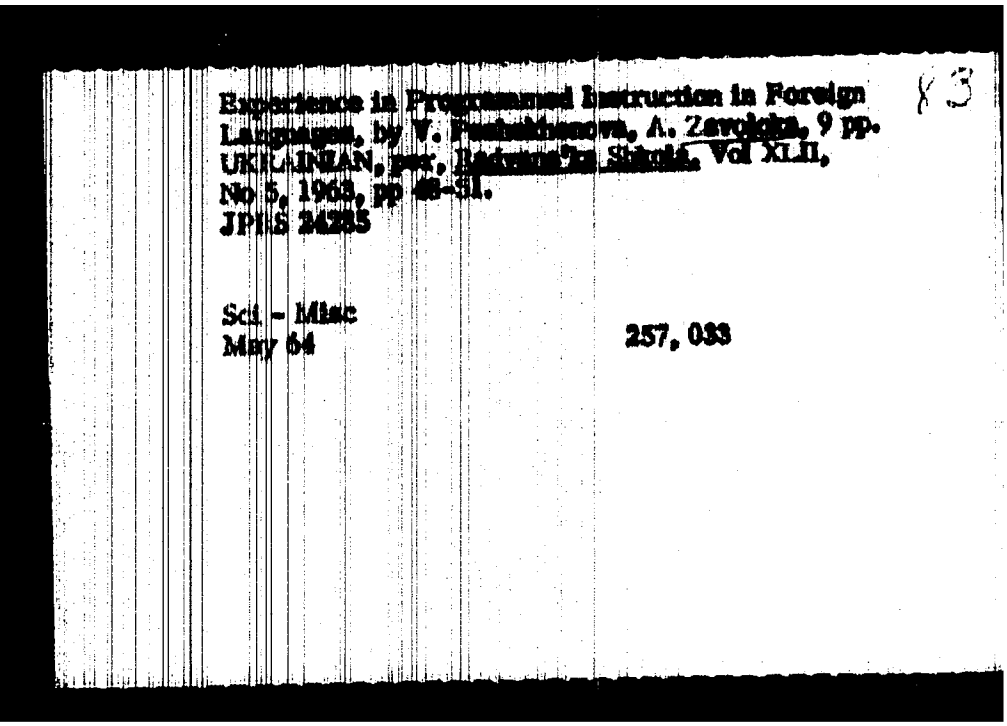

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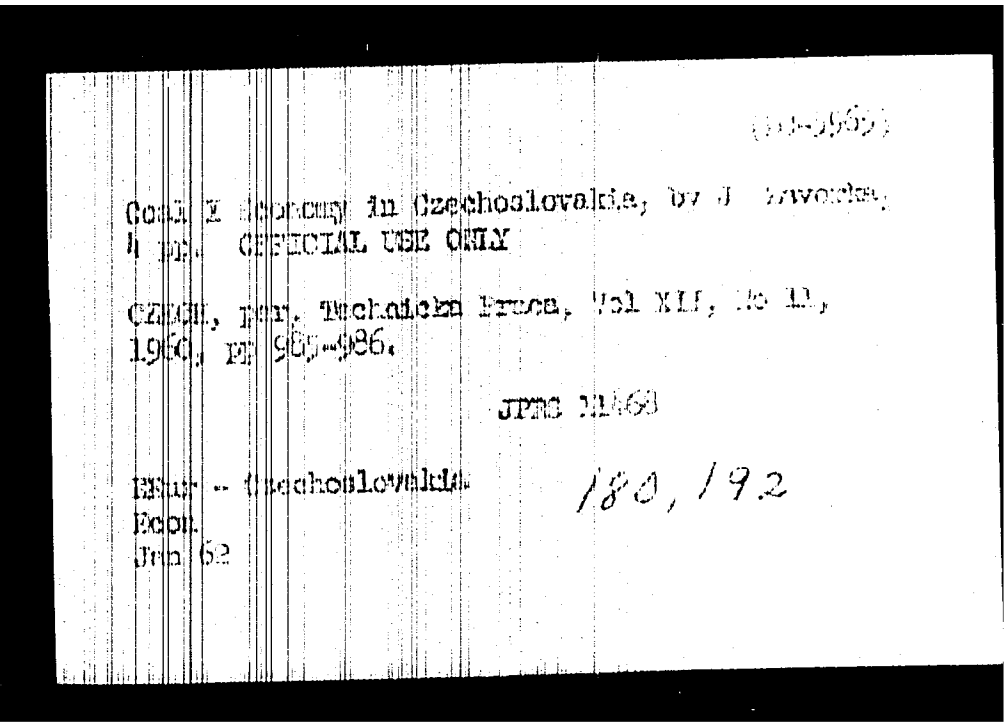

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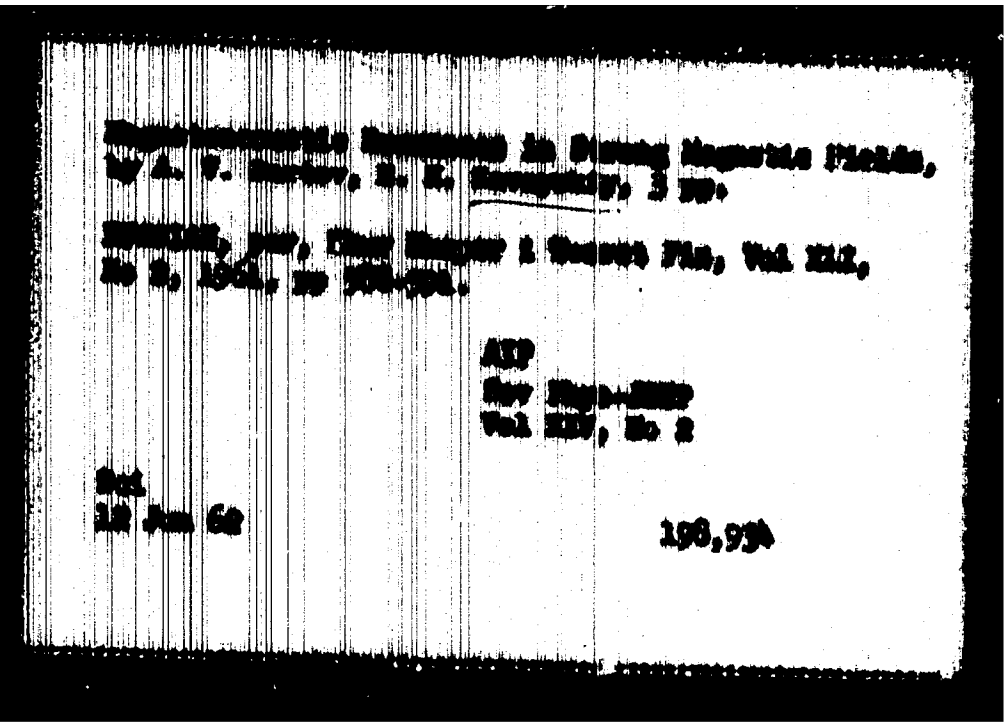

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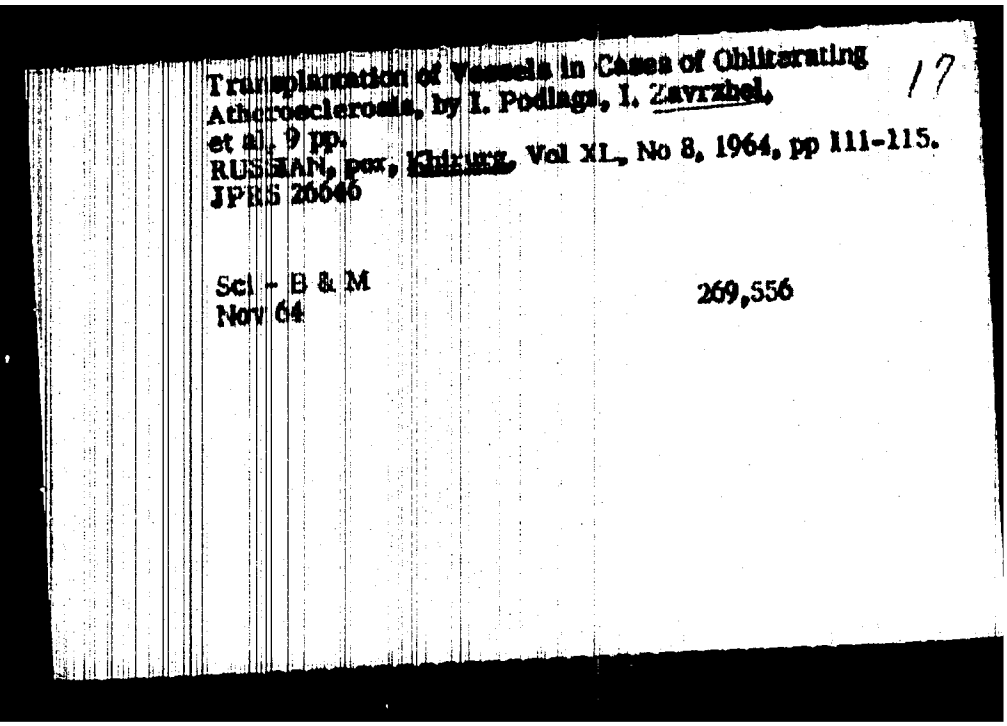

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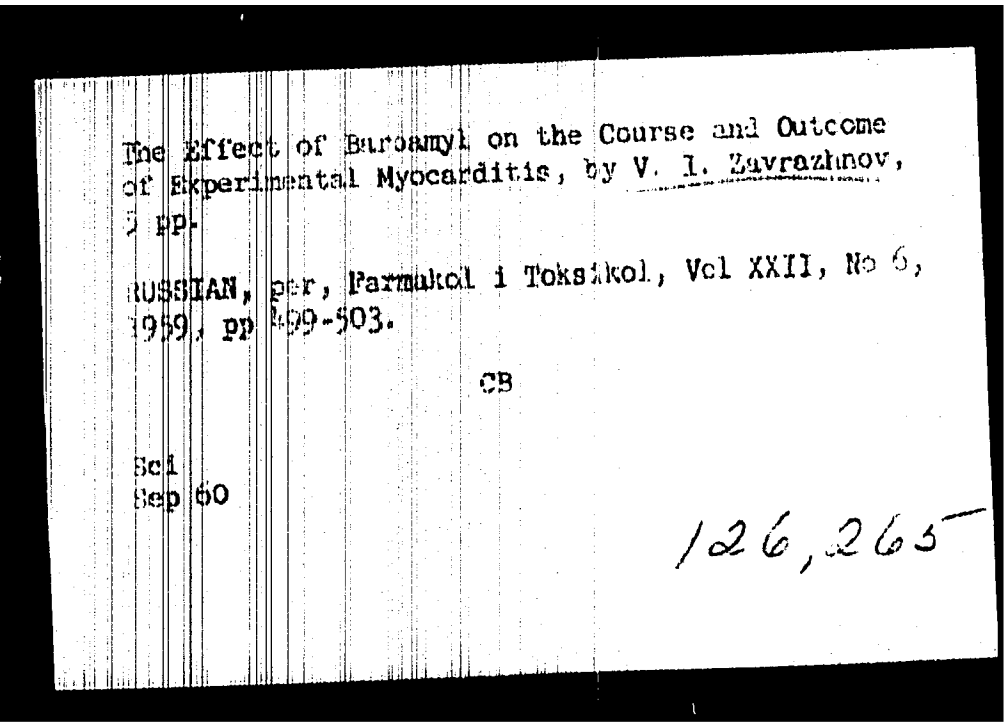

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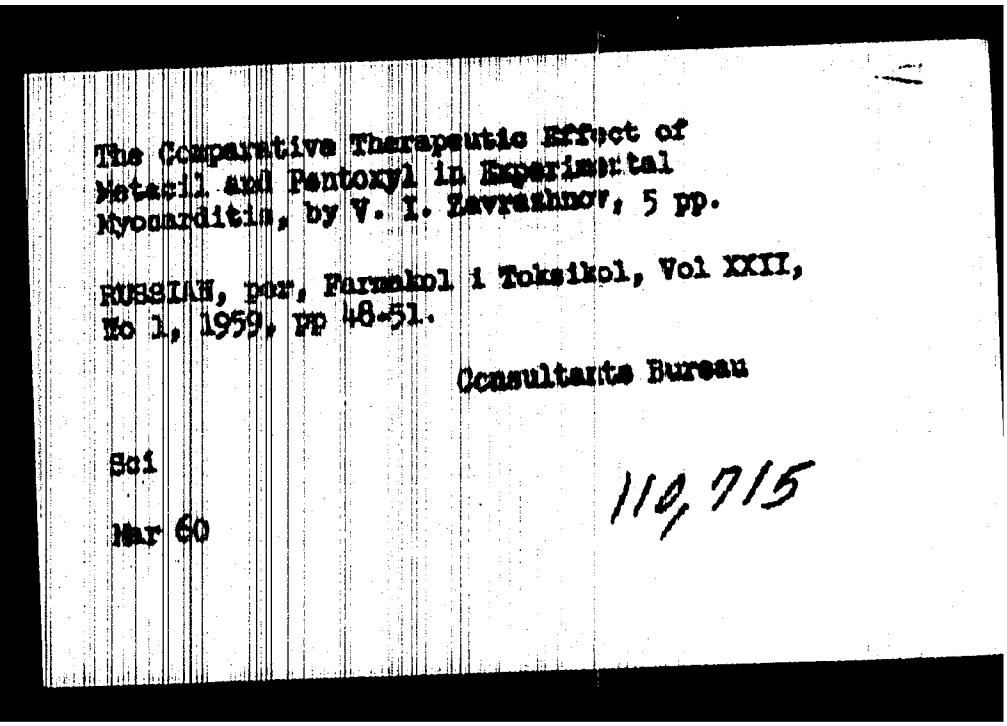

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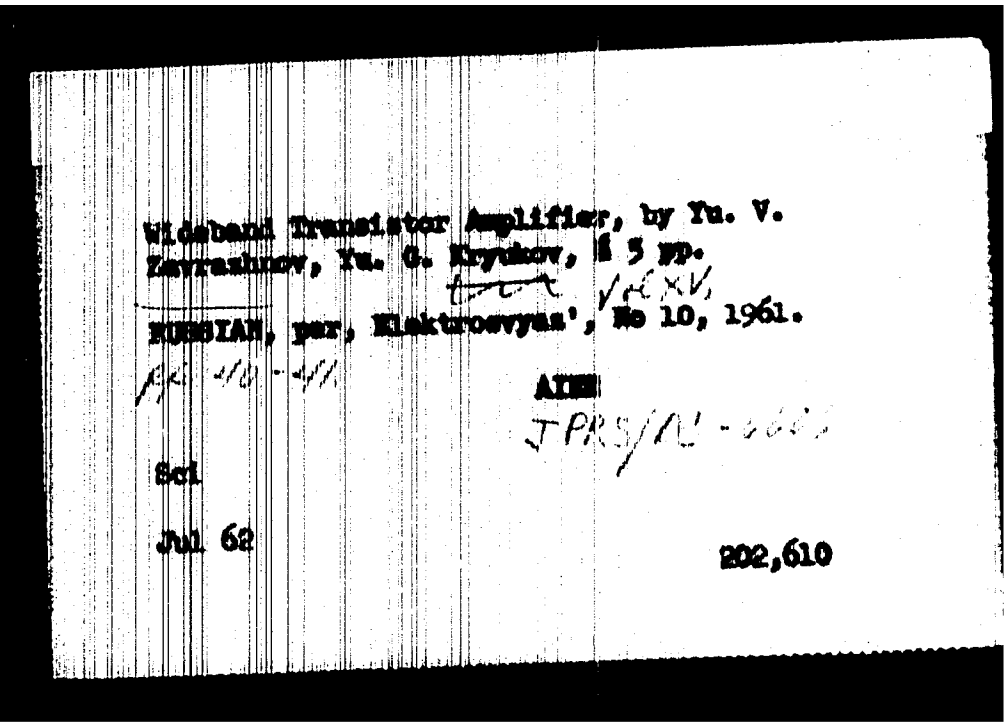

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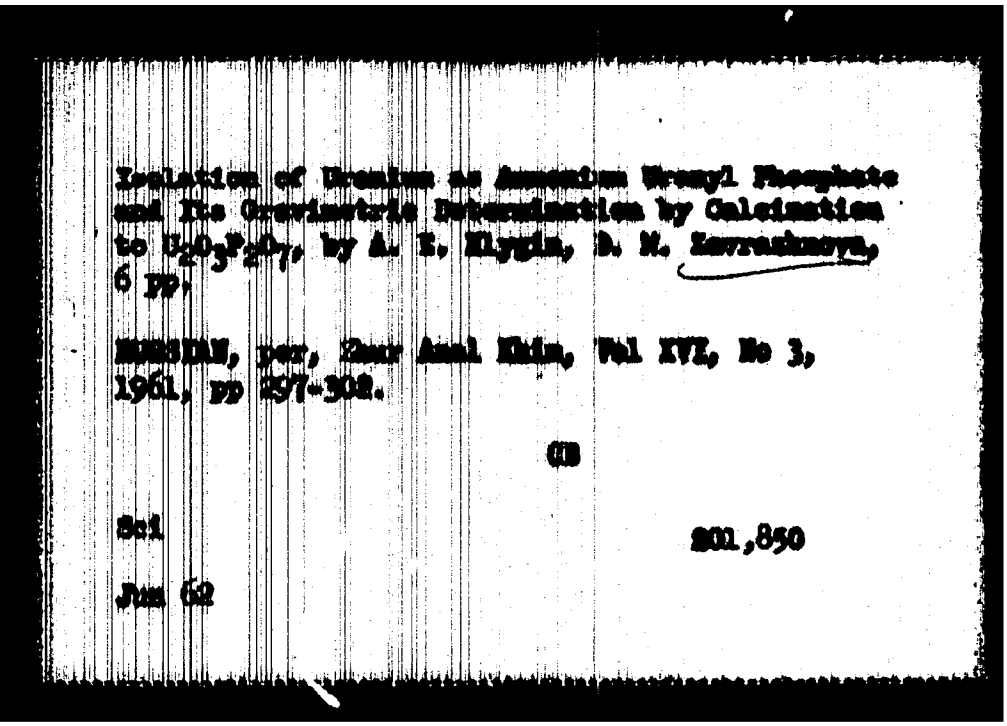

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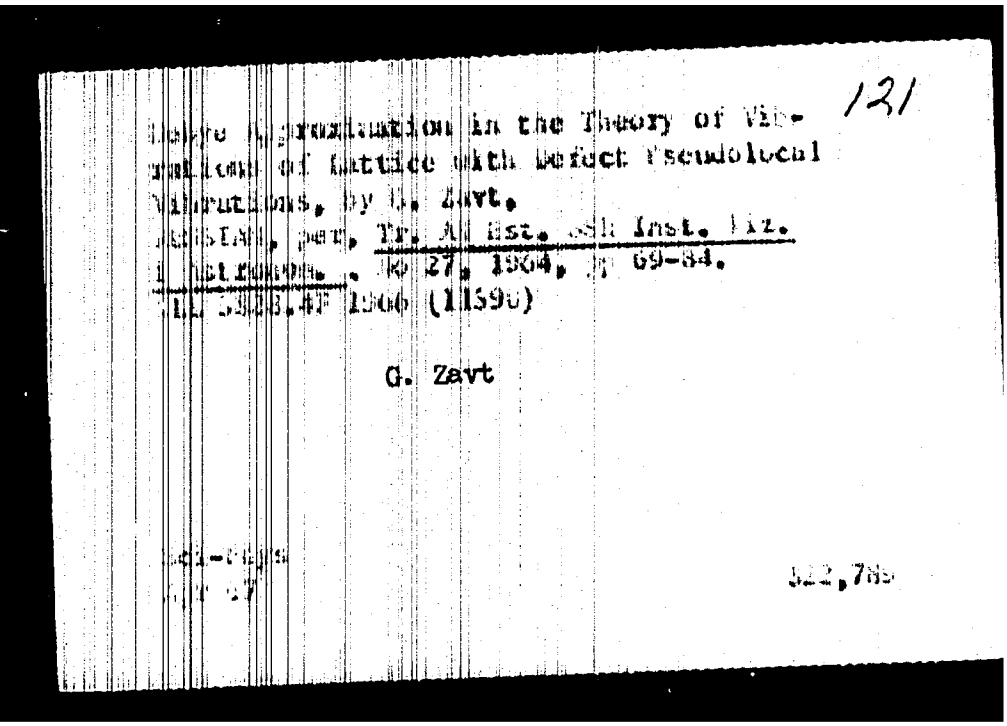

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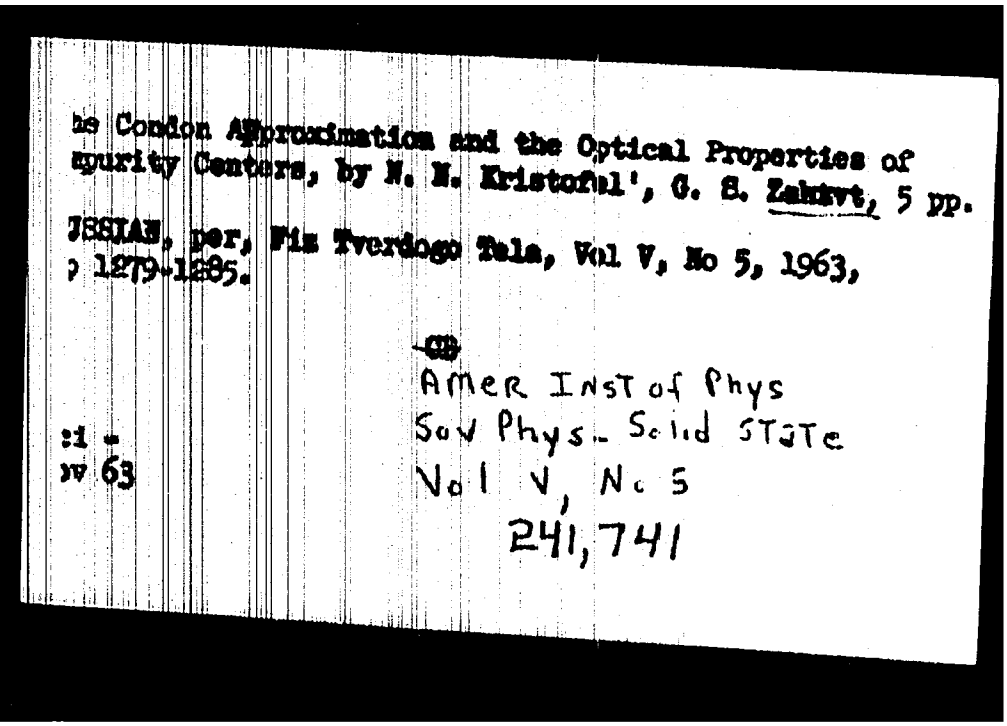

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